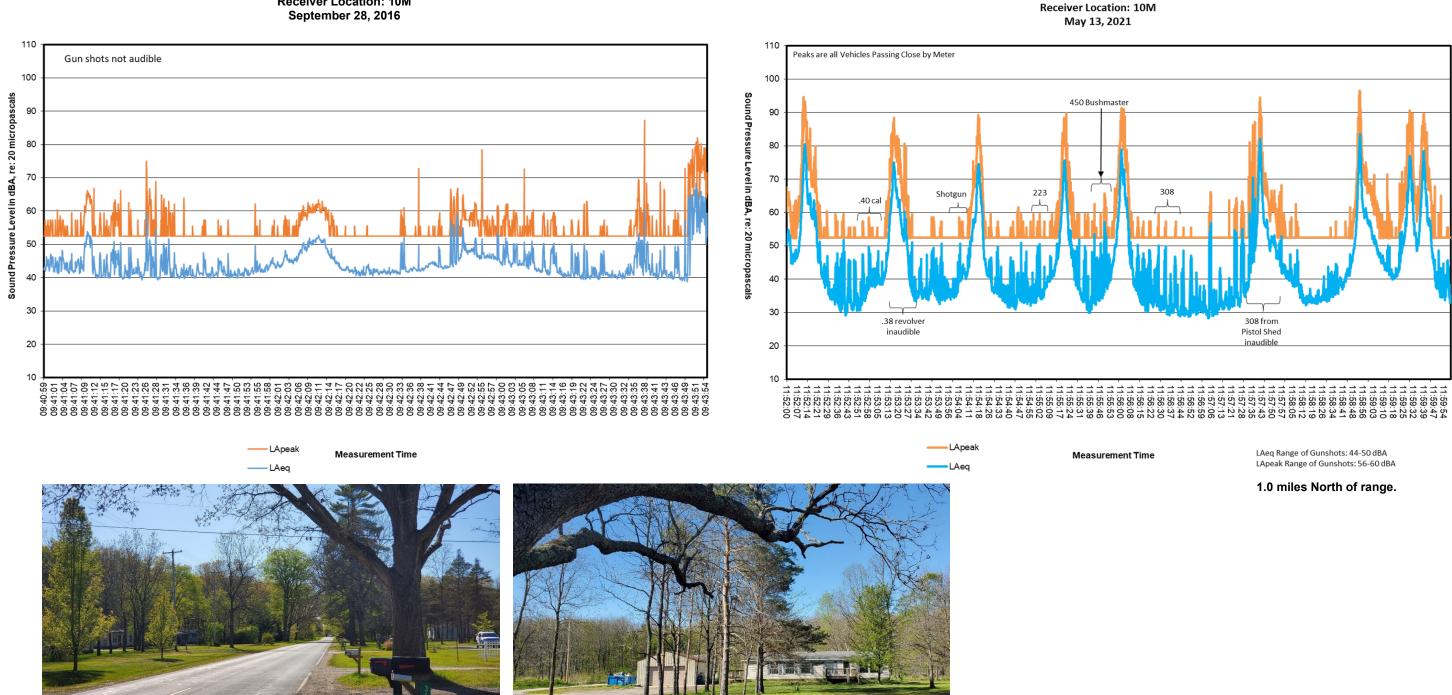
Michigan DNR 2 Site: Echo Point **Receiver Location: 10M September 28, 2016** 

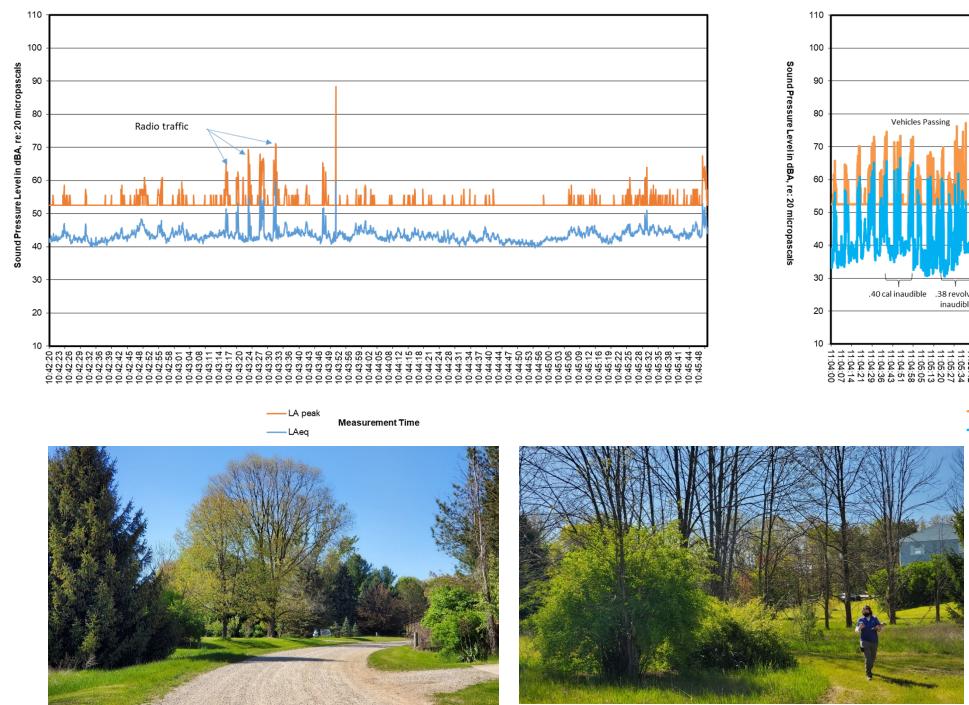


Michigan DNR 5 Site: Allegan Echo Point

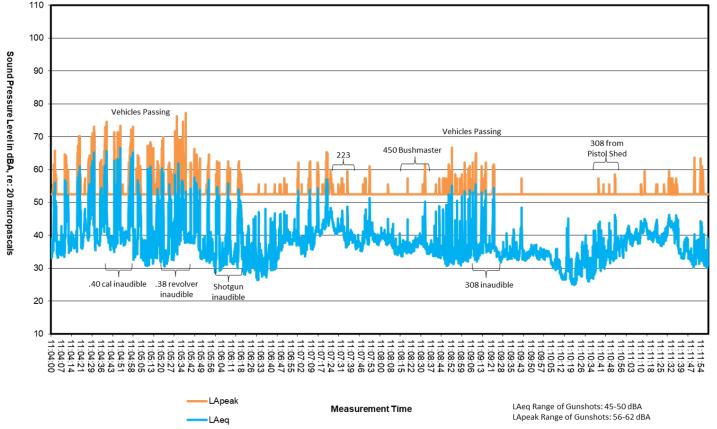
10M approximately 1.0 miles to the north of the range on the right-of-way on north side Allegan Dam Road at 3680.

Department of Natural Resources Analysis of Acoustical Improvements Allegan State Game Area November 1, 2021 Echo Point Shooting Range Allegan, Michigan

Michigan DNR 2 Site: Echo Point Receiver Location: 11M September 28, 2016



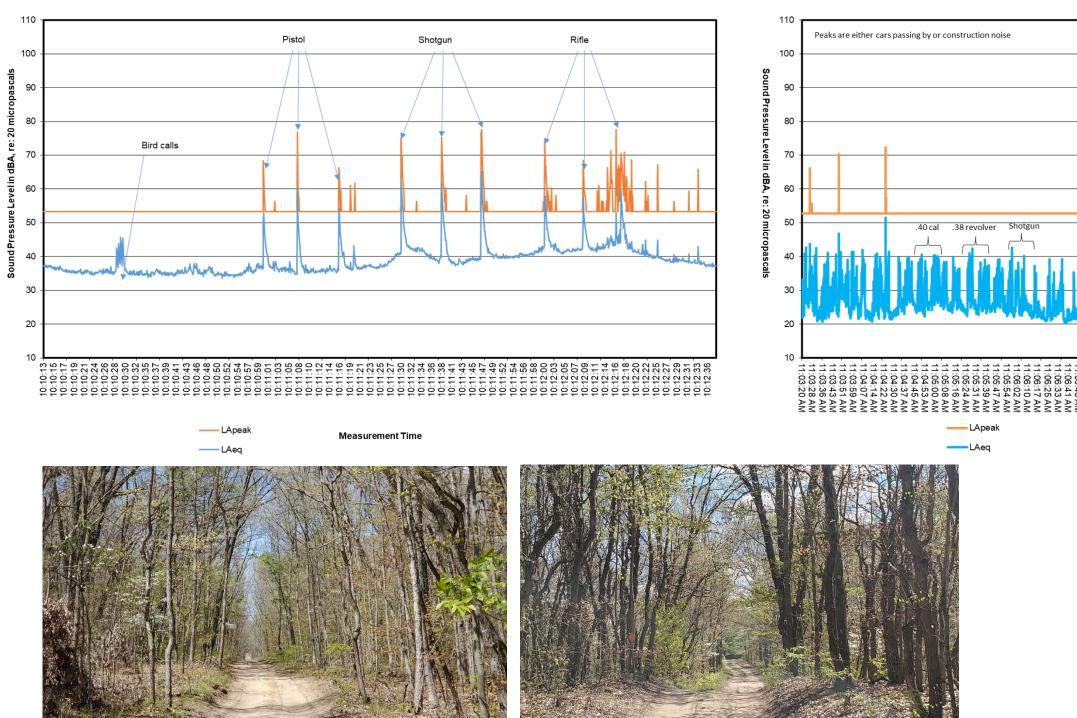
Michigan DNR 5 Site: Allegan Echo Point Receiver Location: 11M May 13, 2021



1.0 mile East of range.

11M was approximately 1.0 miles to the east of the range near 3474 Snow Farm Lane.

Michigan DNR 2 Site: Echo Point **Receiver Location: 13 NEW September 28, 2016** 



13 New approximately 1.0 miles to the south of the range on the snowmobile trail.

Michigan DNR 5 Site: Allegan Echo Point Receiver Location: 13 NEW May 13, 2021

450 Bushmaster 223 LAeq Range of Gunshots: 35-45 dBA Measurement Time LApeak Range of Gunshots: 53-56 dBA

1.1 miles SSW of range.

Michigan DNR 2 Site: Echo Point Receiver Location: 14M September 28, 2016

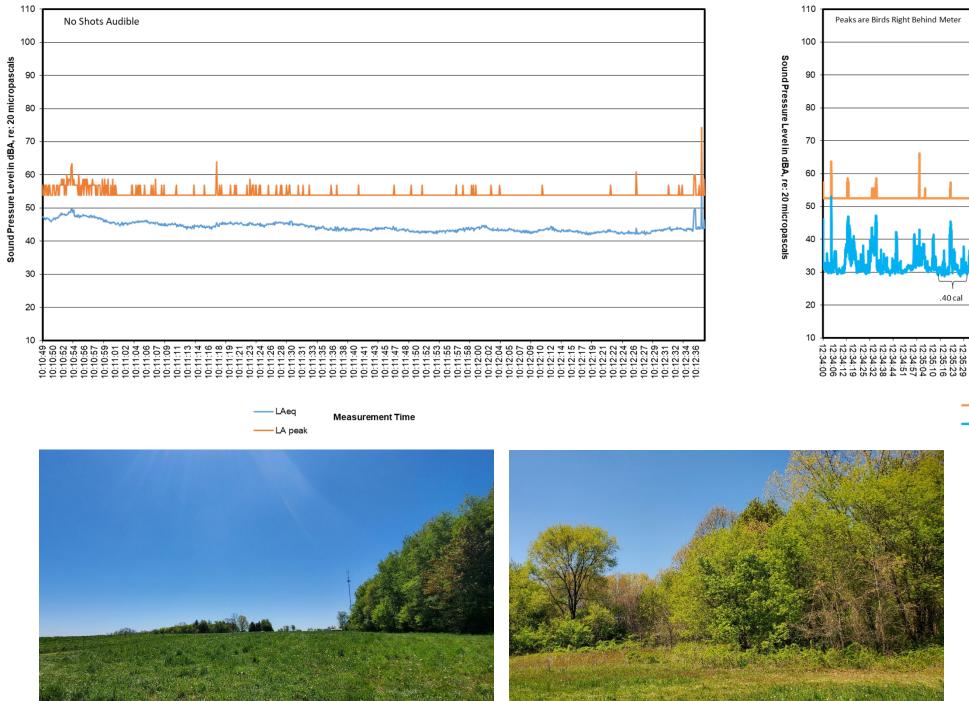


Site: Allegan Echo Point

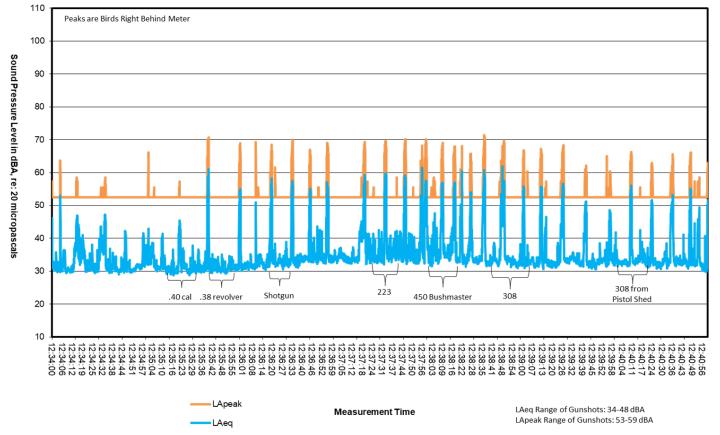
Receiver Location: 14M

14M 1.1 miles west - on the right-of-way across the street from 1736 39th Street.

Michigan DNR 2 Site: Echo Point Receiver Location: 15M September 28, 2016



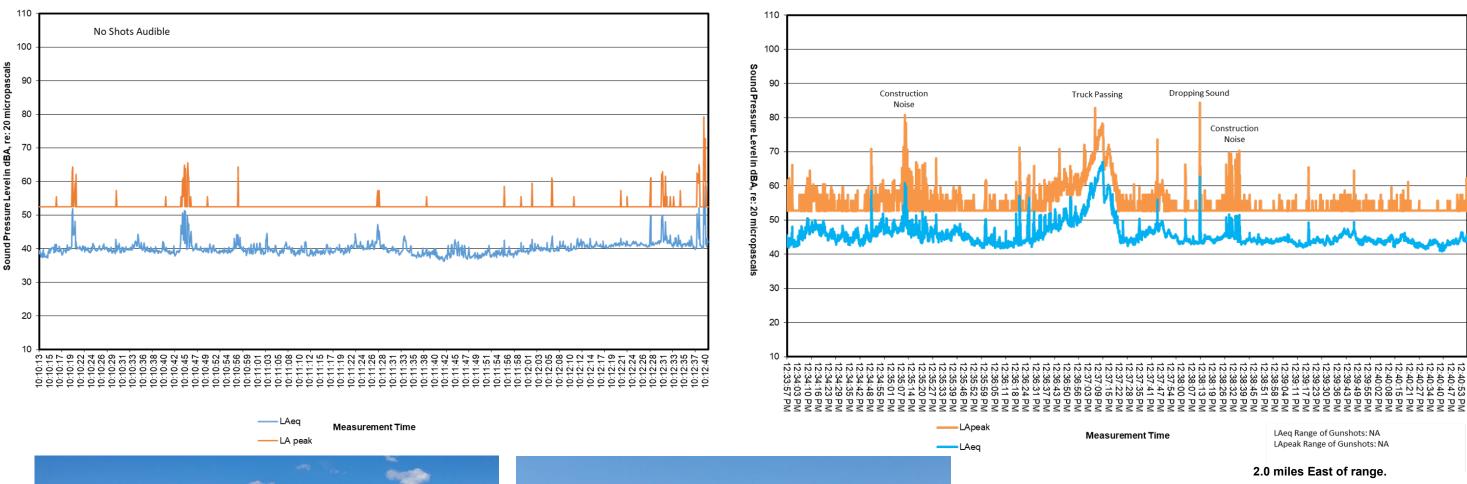
Michigan DNR 5 Site: Allegan Echo Point Receiver Location: 15M May 13, 2021



2.0 miles North of range.

15M approximately 2.0 miles to the north of the range off 121st Avenue next to 3723 in a field about 0.17 miles off the road at the bottom of a small hill.

Michigan DNR 2 Site: Echo Point Receiver Location: 16M September 28, 2016



Site: Allegan Echo Point

**Receiver Location: 16M** 

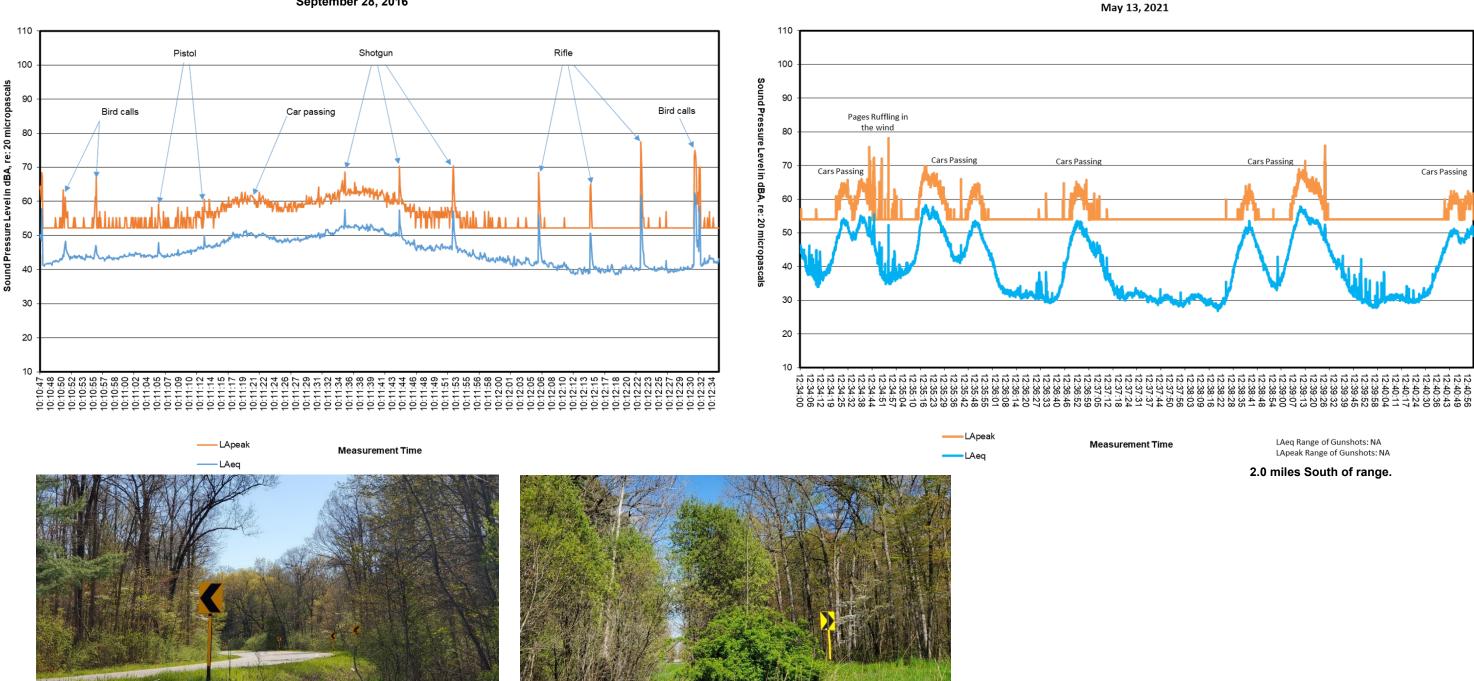
May 13, 2021





16M approximately 2.0 miles to the east of the range near 1726 Signal Point Circle.

Michigan DNR 2 Site: Echo Point **Receiver Location: 17M September 28, 2016** 



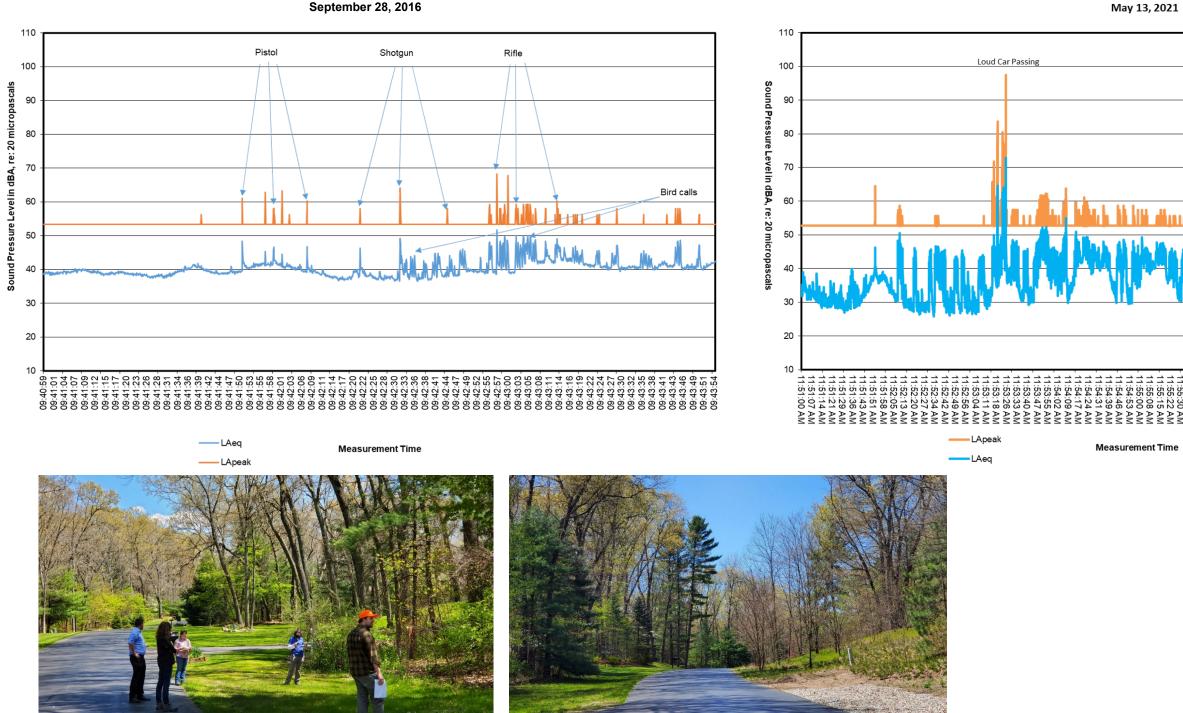
Site: Allegan Echo Point

**Receiver Location: 17M** 

Cars Passing

17M approximately 2.0 miles to the south of the range on 113th Avenue where it intersects with 37th Street.

Michigan DNR 2 Site: Echo Point Receiver Location: 18M September 28, 2016



Site: Allegan Echo Point

**Receiver Location: 18M** 

LAeq Range of Gunshots: NA

2 miles West of range.

LApeak Range of Gunshots: NA

18M - approximately 2.0 miles to the west of the range on the right-of-way at 4091 Wildwood Drive.

Department of Natural Resources Analysis of Acoustical Improvements Allegan State Game Area November 1, 2021 Echo Point Shooting Range Allegan, Michigan





AS 1A approximately 0.59 miles north of the range at the cul-de-sac at 1838 118th Avenue.

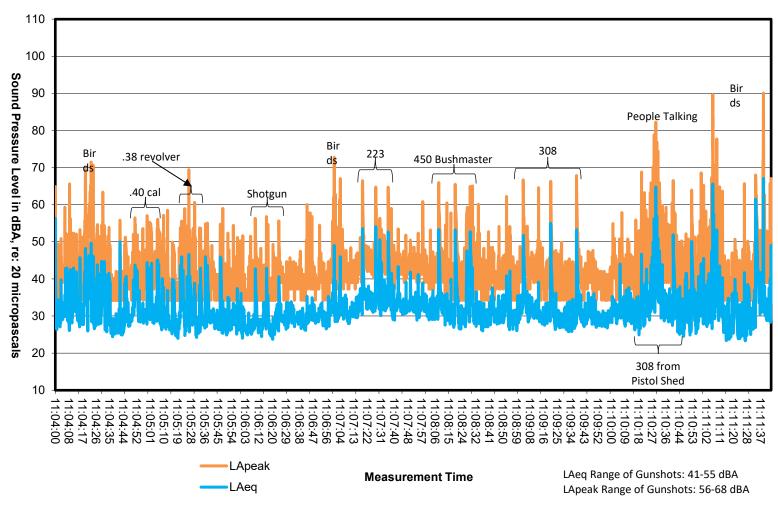
SA 🗆 Siebein Associates, Inc. Appendix C18

## **ECHO POINT SHOOTING RANGE**

Allegan, Michigan May 13, 2021 File: EchoPt04\_003

Measurement Location: AS1A | 0.6M North

Notes: Shots Audible



0.6 miles North of range.